TWO/FIFTY/TWO STEREO POWER AMPLIFIER

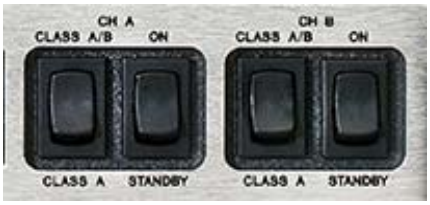
MODEL G-2502-S

OWNERS MANUAL

FRONT PANEL

LEFT TO RIGHT

1. VOLUME - Level control for Channel A.
2. LEVEL - Push button switch for controlling input signal level; Out = -10dB, In = 0dB.
3. PRESENCE - Increases high frequency gain.
4. VOICING - Push button switch. Extends low-mid and high frequencies
5. DEPTH - Variable damping for extended low frequency and looser speaker response.
6. VOLUME - Level control for Channel B
7. LEVEL - Push button switch for controlling input signal level; Out = -10dB, In = 0dB
8. PRESENCE- Increases high frequency gain.
9. VOICING - Push button switch. Extends low-mid and high frequencies
10. DEPTH - Variable damping for extended low frequency and looser speaker response.



11. CLASS A/AB - Up = Class AB power tube operation (62 watts/channel). Down = Class A (Cathode Bias) power tube operation (50 watts/channel).
12. STANDBY - Turns on high voltage to output section. In standby, the amplifier output is disabled while power is supplied to the tube filaments only. Use STANDBY instead of switching the power off during short breaks to extend tube life and avoid the warm-up delay upon returning to play.

13. FUSE A - 1/2 amp fast blow fuse for Channel A
14. FUSE B - 1/2 amp fast blow fuse for Channel B
15. MAINS - Switches main AC power on or off. Illuminates when the unit is ON. You can extend the life of the amplifier tubes by keeping the STANDBY (V) switch down for the first 60 seconds that the power is ON.

REAR PANEL

WARNING: TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. REFER SERVICING TO QUALIFIED SERVICE PRESONNEL
AVIS: RISQUES DE CHOC ELECTRIQUE. NE PAS OUVRIR.
CAUTION: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
UTILTSER UN FUSIBLE DE ECHANGE DE MEME TYPE
50/60 HZ
350 W
MAINS FUSE
117 V
SB 4A
RoHS
HANDBUILT BY ROCKERS IN THE U.S.A.
STEVEN FRYETTE DESIGN, INC.
BURBANK, CALIFORNIA 91502
MODEL G-2502-S
SERIAL JB091661
SPEAKER
IMPEDANCE
INPUTS
CHANNEL A
USE FIRST
A / MONO
CHANNEL B
USE FIRST

LEFT TO RIGHT

1. AC MAINS INPUT – Connect to a grounded outlet in accordance with the voltage and frequency specified on the rear panel of your amplifier.

Use only the factory supplied cord set or a UL approved equivalent type.

2. MAINS FUSE – Protects the amplifier from electrical faults. Replace only with type and rating specified on the rear panel of your amplifier.

3. DC FUSE – Protects the power supply and output transformer from electrical faults. Replace only with type and rating specified on the rear panel of your amplifier.

Warning! Replace only with same fuse type and rating.

4. SPEAKER OUTPUTS - Upper set of two outputs for Channel A amplifier - NOTE! To prevent damage to power tubes and/or output transformer, ALWAYS USE "**USE FIRST"** output whether you are running one or two sets of speakers for either channel.

5. IMPEDANCE SELECTOR - Upper selector for Channel A amplifier- set for 4, 8, or 16 Ohm loads.

6. INPUT- Upper input jack for MONO signal input. (Example: signal coming from a pre amp is sent to A and B Channels) or for Channel A input from a stereo source.

7. SPEAKER OUTPUTS - Lower set of two outputs for Channel B amplifier - NOTE! To prevent damage to power tubes and/or output transformer, ALWAYS USE "**USE FIRST"** output whether you are running one or two sets of speakers for either channel.

8. IMPEDANCE SELECTOR - Lower selector for Channel B amplifier- set for 4, 8, or 16 Ohm loads.

9. INPUT- Lower input jack for Channel B for stereo source operation (example: left and right outputs coming from a stereo effect would input left signal to Channel A input and right signal to Channel B input).

! NOTE! Sending a single source signal (MONO) into the Channel B input without inputting any signal to the Channel A input will effectively defeat the operation of Channel A amplifier (no sound from Channel A).

TUBE FUNCTION AND LOCATION CHART

Each 12AX7/12AU7 has two sections/functions. Section A is shown first, Section B is second. Factory recommended tubes are listed under each location (where two types are listed, the second listing is a factory recommended substitution). Numbering sequence is left to right looking at FRONT of amp starting with the row closest to front panel of amp. **Use only 12AX7 or 12AU7 tubes as specified. These cannot be switched between socket locations or substituted for other types.**

V1	Input Stage (post volume control).
12AX7 China	Phase Inverter.
12AX7WA Russia	
V2	Voltage Amp/Driver Stage
12AU7 China	Voltage Amp/Driver Stage
V3	Input Stage (post volume control).
12AX7 China	Phase Inverter.
12AX7WA Russia	
V4	Voltage Amp/Driver Stage
12AU7 China	Voltage Amp/Driver Stage
V5-V8	Power Tubes
EL34B Mullard	
EL34B Sino (China)	
EL34 Svetlana (SED)	

Certificate of Compliance

Restriction of the use of Hazardous Substances (RoHS)

We certify that all of our products (exceptions see listed below) are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).

No Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr+6), PBB or PBDE is intentionally added to these devices. Any trace impurities of these substances contained in the parts are below the RoHS specified threshold levels.

All information provided in this Certificate of Compliance is accurate to the best of our knowledge as of the date this Certification was issued.

Certificate of Compliance

Registration, Evaluation, Authorization and Restriction of chemicals (REACh)

We declare that all of our products are compliant with European Union Directive EC1907/206 for the Registration, Evaluation, Authorization and Restriction of chemicals (REACh), and contain none or less than 0.1% of the chemicals listed as hazardous chemicals in the REACh regulation. All information provided in this Certificate of Compliance is accurate to the best of our knowledge as of the date this Certification was issued.

Declaration of Conformity

EMC and Low Voltage Directive (CE)

Product Name: Two/Fifty/Two Power Amplifier
Model Number: G-2502-S

This is to certify that the product listed above complies with the following European Union Council Directives and Standards relating to electromagnetic compatibility (EMC Directive 89/336/EEC) and the low voltage Directive (73/23/EEC).

This declaration of conformity of the European Communities is the result of an examination carried out by Electromagnetic Engineering Services, Inc. in accordance with European Standards EN 50081-1, EN 50082-1 and EN 60065 for low voltage, as laid down in Article 10 of the EMC Directive.

Steven Fryette Design, Inc
1201 South Flower Street
Burbank, CA 91502 USA

LIMITED WARRANTY

Subject to the obligations and exclusions found below, this product is warranted by Steven Fryette Design, Inc., (herein SFD) against manufacturing defects in materials and workmanship for the period of One (5) Years from the date of purchase, with the exception of the tubes, fuses and speakers where applicable, which carry a 90 day warranty. The warranty period commences on the date of purchase by the original user. Performance under this warranty must be obtained at one of the following: an SFD Authorized Service Station, by returning the unit to the SFD factory with prior written authorization, or (in countries outside of the United States) by a representative SFD distributor

Obligations

1. This warranty will be honored only on the presentation of the original proof of purchase.

2. Transportation of the product to and from an authorized SFD service outlet is the responsibility of the user. Units sent directly to the SFD factory for warranty repairs must be authorized by SFD and shipped prepaid.

Exclusions

1. This warranty shall not cover adjustment of consumer-operated controls as explained in the appropriate instruction manual, or products that have been altered or have missing, or defaced serial numbers.

2. This warranty shall not apply to the appearance of accessory items including but not limited to, cabinets, cabinet parts, or knobs.

3. This warranty does not apply to uncrating, setup, installation, or the removal and reinstallation of products for repair.

4. This warranty shall not apply to repair or replacements necessitated by any cause beyond the control of SFD including, but not limited to, any malfunction, defects, or failure caused by or resulting from unauthorized service or parts, damaged or broken tubes, incorrect line voltage, improper maintenance, modification or repair by the user, abuse misuse, neglect, accident, fire, flood, or other Acts of God.

5. Responsibility for the repair of any SFD product sold outside of U.S. boundaries is borne by the SFD representative in that particular country or territory. Also, the warranty term and conditions may be different from those stated above. Please contact the SFD distributor or dealer in your country for more information.

The foregoing is in lieu of all other expressed warranties, and SFD does not authorize any party to assume for it any other obligation or liability. In no event shall SFD be liable for special or consequential damages arising from the use of this product, or for any delay in the performance of this warranty due to causes beyond our control. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of consequential damages, so the above limitations on implied warranty and consequential damages may not apply to you. This warranty gives you specific legal rights. You may have other rights that vary from state to state.

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